

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 031224PC/MA	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/AU2004/001506	International filing date (day/month/year) 29 October 2004	(Earliest) Priority Date (day/month/year) 31 October 2003
<b>Applicant</b> LUCAS, James Walter et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2.  Certain claims were found unsearchable (See Box No. II).

3.  Unity of invention is lacking (See Box No. III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. I

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b.  none of the figures is to be published with the abstract.

**INTERNATIONAL SEARCH REPORT**

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**Box No. IV Text of the Abstract (Continuation of item 5 of the first sheet)**

A panel edge joint formed on opposing edges of first panel (12) and second panel (22) for use in refrigeration units. The panel edge joint comprises male part (10) extending along at least one edge of first panel (12) and corresponding female part (20) extending along at least one edge of second panel (22) wherein male part (10) includes deformable sleeve (30) forming an outer covering of male part (10). Engagement of male part (10) with female part (20) forms a seal between first panel (12) and second panel (22).

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## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: F25D 23/06; E04H 5/10; E04B 1/684

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

AU: IPC E04B 1/684; E04H 5/10; F16B 5/00; F16J 15/10; F25D 23/06

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: IPC E04H, F16B, F16J, F25D and keywords such as panel, refrigerate, join, seal, male, deform and similar terms.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2912725 A (RIES) 17 November 1959 Whole document – especially Figure 5	1-7, 9-15, 17, 18
Y	Whole document	1-18
X	US 3386218 A (SCOTT) 4 June 1968 Whole document	1, 2, 5-10, 13- 18
X	JP 10-227559 A (YODOGAWA STEEL WORKS LTD) 25 August 1998 Whole document	1, 2, 5-10, 13- 18
X	JP 09-209549 A (SEKISUI CHEM CO LTD) 12 August 1997 Whole document	1, 5-8
Y	Whole document	1-18

Further documents are listed in the continuation of Box C  See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
24 January 2005

Date of mailing of the international search report

1 FEB 2005

Name and mailing address of the ISA/AU

Authorized officer

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## INTERNATIONAL SEARCH REPORT

International application No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2553159 A (DERRIEN) 12 April 1985	
A	GB 1520470 A (HOESCH WERKE AG) 9 August 1978	
A	US 4184301 A (ANDERSON et al) 22 January 1980	

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001506

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
JP	10-227559	NONE					
JP	09-209549	NONE					
FR	2553159	NONE					
GB	1520470	AT	820275	BE	836917	CH	601588
		DE	2461428	FR	2296140	JP	51-088816
		LU	74091	NL	7513273	RO	78472
		SU	579939	US	4100710	YU	284775
		ZA	7507149				
US	4184301	CA	1080934	DE	2837195	FR	2401281

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX